



NSF and the Project Office

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Outline

- **Groups, Activities and Funding**
- **Disbursement and Tracking**
- **Outreach and Education**
- **Conclusions**



Funding By Sub-System

- **EMU (NEU)**
Alignment System \$932k
- **HCAL (UIC, UND, UNL)**
Readout System \$4705k
Luminosity Determination \$152k
- **DAQ (UCLA, UCSD)**
Filter Unit \$947k
- **ECAL (NEU)**
Barrel Photodetectors \$3142k
- **FPIX (JHU, RU)**
Sensors \$1101k
Readout System \$3511k
- **Common Projects** \$3366k



Disbursement and Tracking

- **Allocation By Group (MOU)** (PO + L2 Managers)
 - **Statement-Of-Work** (Every Year, Every Group)
 - Including Detailed Budget
 - **Sub-Contract Agreements with NEU**
 - **Issue Purchase Orders**
 - **Tracking By US CMS Project Office**
 - **Reporting to NSF** (Annual Report and Budget Request)
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- **TOTALS:** TPC = 20.2 (in TY M\$) = 18.5 (in FY97 M\$)
Project Office (AA + O/H) = 661 (in FY97 M\$)



Outreach Examples

- **REU at CERN** (Northeastern, Michigan)
- **QuarkNet** (Baker, Bardeen, Barnett, Ruchti)
- **CROP** (Snow in Nebraska)
- **Scientific American** (Reucroft, Swain, et al)
“Ask the Experts” @ www.sciam.com/askexpert/
- **Boston Globe** (Reucroft, Swain)
Weekly “Science Briefs” Column



Concluding Comments

- **Nine NSF Groups in CMS**
- **NSF is Eighth Biggest Funding Agency**
- **Whole Detector Involvement**
 - ➔ **Significant Impact on CMS**
- **Two Years of RD Rehearsal**
- **Project Office Up and Running**
- **And Fully Integrated with FNAL PO**
- **We Are “Reaching-Out”**
- **And We Are Ready To Go!**